

Drought Effects on California's Fish and Wildlife



SWP/CVP Water Operations

Fish Protection and Water Supply

- Real Time Drought Operations Team
 - Collaborative water management effort
 - Operational flexibility
 - Coordinating water transfers

Immediate Drought Response Actions

- Protecting cold water pool in Lake Shasta.
- Delta Cross Channel Gates
- Avoiding entrainment of Delta and longfin smelts and salmonids
- Increased monitoring of water temperatures, habitat, and fish stranding on the Sacramento River.

Current Status of fishes in Central Valley and Delta

- Two consecutive years with 95% loss of juvenile winter-run Chinook
- 2014 vs 2015 fall-run Chinook spawn
- Delta fishes indexes
- Commercial and recreational salmon fisheries

Long-term Drought Response Actions

- Central Valley Steelhead Trout Monitoring Program
- Juvenile and adult sturgeon population monitoring
- Real-time monitoring of juvenile salmon
- National Hydrography Dataset
- Habitat restoration
- Improve management tools